

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020912.D
 Acq On : 17 Nov 2021 17:46
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 04:25:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	80074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	119826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	111362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	58424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	107016	121.886	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 243.780%#			
35) Dibromofluoromethane	7.885	113	104780	132.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.920%#			
50) Toluene-d8	10.323	98	390085	129.811	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 259.620%#			
62) 4-Bromofluorobenzene	12.615	95	148862	135.323	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 270.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33624	163.235	ug/l	99
3) Chloromethane	2.209	50	79676	152.696	ug/l	99
4) Vinyl Chloride	2.355	62	126771	177.850	ug/l	100
5) Bromomethane	2.739	94	81671	187.133	ug/l	98
6) Chloroethane	2.904	64	52121	166.854	ug/l	99
7) Trichlorofluoromethane	3.239	101	49527	106.112	ug/l	99
8) Diethyl Ether	3.678	74	52609	137.692	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.050	101	102389	129.349	ug/l	99
10) Methyl Iodide	4.269	142	158194	156.502	ug/l	99
11) Tert butyl alcohol	5.184	59	43989	798.217	ug/l #	87
12) 1,1-Dichloroethene	4.032	96	101329	137.192	ug/l	95
13) Acrolein	3.891	56	9362	222.227	ug/l	85
14) Allyl chloride	4.666	41	143640	123.152	ug/l	99
15) Acrylonitrile	5.361	53	113116	598.870	ug/l	100
16) Acetone	4.123	43	110942	544.495	ug/l	98
17) Carbon Disulfide	4.379	76	287832	134.949	ug/l	99
18) Methyl Acetate	4.666	43	77264	119.580	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	164128	130.075	ug/l	99
20) Methylene Chloride	4.909	84	105465	97.277	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	112451	135.689	ug/l	99
22) Diisopropyl ether	6.312	45	299340	130.058	ug/l	99
23) Vinyl Acetate	6.251	43	896810	671.888	ug/l	99
24) 1,1-Dichloroethane	6.214	63	186942	126.296	ug/l	99
25) 2-Butanone	7.171	43	160968	622.946	ug/l	95
26) 2,2-Dichloropropane	7.165	77	120707	124.258	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	125446	141.085	ug/l	99
28) Bromochloromethane	7.513	49	80251	130.812	ug/l	98
29) Tetrahydrofuran	7.531	42	98923	625.758	ug/l	99
30) Chloroform	7.677	83	204328	130.970	ug/l	100
31) Cyclohexane	7.952	56	165808	112.623	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	171501	130.361	ug/l	99
36) 1,1-Dichloropropene	8.086	75	155204	122.737	ug/l	99
37) Ethyl Acetate	7.250	43	70183	122.908	ug/l	98
38) Carbon Tetrachloride	8.067	117	166891	130.727	ug/l	88
39) Methylcyclohexane	9.335	83	197234	132.539	ug/l	98
40) Benzene	8.323	78	434717	124.889	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	39186	117.878	ug/l	94
42) 1,2-Dichloroethane	8.397	62	136499	122.564	ug/l	99
43) Isopropyl Acetate	8.421	43	144054	133.463	ug/l	99
44) Trichloroethene	9.092	130	125730	130.968	ug/l	97
45) 1,2-Dichloropropane	9.366	63	102582	123.329	ug/l	97
46) Dibromomethane	9.457	93	64874	136.810	ug/l	99
47) Bromodichloromethane	9.646	83	156307	133.987	ug/l	95
48) Methyl methacrylate	9.433	41	67455	131.563	ug/l	93
49) 1,4-Dioxane	9.451	88	18891	3003.533	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	362627	629.064	ug/l	100
52) Toluene	10.384	92	285252	129.872	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	161538	137.131	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	176471	132.109	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	85866	130.742	ug/l	96
56) Ethyl methacrylate	10.646	69	116545	140.272	ug/l	99
57) 1,3-Dichloropropane	10.933	76	146582	129.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	288529	758.102	ug/l	97
59) 2-Hexanone	10.969	43	261055	643.275	ug/l	99
60) Dibromochloromethane	11.128	129	116764	148.599	ug/l	99
61) 1,2-Dibromoethane	11.231	107	86476	134.884	ug/l	95
64) Tetrachloroethene	10.860	164	119902	137.695	ug/l	90
65) Chlorobenzene	11.658	112	317787	132.396	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	123968	142.141	ug/l	98
67) Ethyl Benzene	11.731	91	569294	132.733	ug/l	100
68) m/p-Xylenes	11.841	106	457781	273.904	ug/l	100
69) o-Xylene	12.164	106	217025	139.997	ug/l	97
70) Styrene	12.183	104	367765	139.301	ug/l	96
71) Bromoform	12.347	173	74175	146.391	ug/l #	98
73) Isopropylbenzene	12.463	105	587843	141.591	ug/l	97
74) N-amyl acetate	12.268	43	146775	147.590	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	101212	131.739	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	80548m	129.024	ug/l	
77) Bromobenzene	12.743	156	138068	138.179	ug/l	97
78) n-propylbenzene	12.804	91	692780	136.697	ug/l	98
79) 2-Chlorotoluene	12.890	91	393828	134.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	499124	138.702	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	34790	142.951	ug/l	98
82) 4-Chlorotoluene	12.987	91	416475	134.943	ug/l	99
83) tert-Butylbenzene	13.207	119	448963	144.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	500482	140.251	ug/l	100
85) sec-Butylbenzene	13.384	105	645803	138.903	ug/l	99
86) p-Isopropyltoluene	13.493	119	569386	143.474	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	289155	140.543	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	282985	136.168	ug/l	98
89) n-Butylbenzene	13.822	91	515347	140.106	ug/l	98
90) Hexachloroethane	14.091	117	109277	155.048	ug/l	92
91) 1,2-Dichlorobenzene	13.865	146	254305	139.025	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	18569	134.446	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	176339	142.539	ug/l	94
94) Hexachlorobutadiene	15.237	225	94112	120.045	ug/l	97
95) Naphthalene	15.365	128	342968	156.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	157112	140.828	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

